



IPW 4/20/05

REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

Address to: Mail Stop RCE, Commissioner for Patents, Box 1450, Alexandria, Virginia 22313-1450

Application No. 09/229,592
Filing Date January 13, 1999
First Named Inventor Brian S. Doyle
Art Unit 2815
Examiner Name Paul E. Brock, II
Attorney Docket No. 42390.P5578

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.
37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See instruction sheet for RCEs (not to be submitted to the USPTO).

1. **Submission required under 37 C.F.R. § 1.114**
 - a. ☐ Previously submitted
 - i. ☐ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on _____
(Any unentered amendment(s) referred to above will be entered).
 - ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
 - iii. ☐ Other _____
 - b. ☒ Enclosed
 - i. ☒ Amendment/Reply to Final Office Action dated 3/4/04.
 - ii. ☐ Affidavit(s)/Declaration(s)
 - iii. ☐ Information Disclosure Statement (IDS)
 - iv. ☐ Other _____
2. **Miscellaneous**
 - a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months. Fee under 37 C.F.R. § 1.17(i) required)
 - b. ☐ Other _____
3. **Fees** The RCE fee under 37 C.F.R. § 1.17(e) is required by C.F.R. § 1.114 when the RCE is filed.
 - a. ☐ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 02-2666
 - i. ☒ RCE fee required under 37 C.F.R. § 1.17(e)
 - ii. ☐ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)
 - iii. ☐ Processing fee under 37 CFR § 1.17(i) for Limited Suspension of Action
 - iv. ☐ Other _____
 - b. ☒ Check in the amount of \$ 770.00 enclosed
 - c. ☐ Payment by credit card (Form PTO-2038 enclosed)

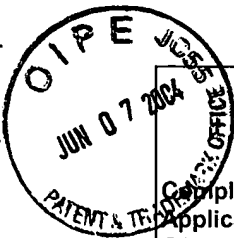
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type) Mark A. Kupanoff Registration No. (Attorney/Agent) 55,349
Signature Mark A. Kupanoff Date June 3, 2004

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Name (Print/Type) Dianne Neathery
Signature Dianne Neathery Date June 3, 2004



FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) \$770.00

Complete if Known:

Application No. 09/229,592
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First Named Inventor Brian S. Doyle
Examiner Name Paul E. Brock, II
Art Unit 2815
Attorney Docket No. 42390.P5578

☐ Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
- ☒ Deposit Account
Deposit Account Number : 02-2666
Deposit Account Name: _____
- ☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:
- ☒ Charge fee(s) indicated below.
- ☒ Credit any overpayments.
- ☒ Charge any additional fees during the pendency of this application.
- ☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.
- ☐ Charge fee(s) indicated below except for the filing fee.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1001	770	2001	385	Utility application filing fee	_____
1002	340	2002	170	Design application filing fee	_____
1003	530	2003	265	Plant filing fee	_____
1004	770	2004	385	Reissue filing fee	_____
1005	160	2005	80	Provisional application filing fee	_____
SUBTOTAL (1) \$					<u>.00</u>

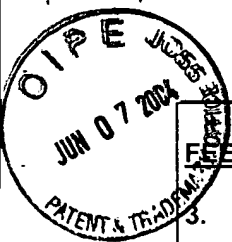
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	<u>25</u>	- 32** = <u>0</u>	X <u>18.00</u>	= <u>.00</u>
Independent Claims	<u>1</u>	- 3** = <u>0</u>	X <u>86.00</u>	= <u>.00</u>
Multiple Dependent				= _____

**Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description
Code	Fee (\$)	Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$.00



FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	110	2814	55	Statutory Disclaimer	
1810	770	2810	385	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	770.00
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,330	1454	1,330	Acceptance of unintentionally delayed claim for priority	
Other fee (specify) _____					
Other fee (specify) _____					
SUBTOTAL (3)					\$ 770.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Mark A. Kupanoff
Signature: *Mark A. Kupanoff* Date: June 3, 2004
Reg. Number: 35,934 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Attorney's Docket No.: 42390.P5578
Confirmation No.: 5730

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
)
Brian S. Doyle, et al.)
) Examiner: Brock II, Paul E.
Application No: 09/229,592)
) Art Unit: 2815
Filed: January 13, 1999)
)
For: TRANSISTOR WITH REDUCED)
SERIES RESISTANCE JUNCTION)
REGIONS)

Mail Stop: RCE
Commissioner For Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

In response to the Final Office Action dated March 4, 2004, Applicant respectfully requests that the above-identified application be amended as follows and that the following remarks be considered:

FIRST-CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail with sufficient postage in an envelope addressed to Mail Stop: RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on:

June 3, 2004

Date of Deposit

Dianne Neathery

Name of Person Mailing Correspondence

Dianne Neathery
Signature

June 3, 2004

Date

Inventor(s): Brian S. Doyle, et al.
Application No.: 09/229,592

Examiner: Brock II, Paul E.
Art Unit: 2815